

Dear FCC:

I would like to see the entire 1800 to 2000 kilocycle band, which I will call 160M, assigned to the amateur radio service on a primary basis, and here are the reasons why assigning 1900-2000KC to amateurs seems like the logical and right thing to do.

1.)

160M is already popular with many amateurs and clubs in all areas of the United States and the assignment will provide much-needed space free of worry that the amateur might be interfering with another service.

2.)

For amateurs with limited antenna space or noisy environments, it is not an easy band for long-distance communications. Amateurs love a challenge and having primacy in the entire 160M band will encourage more use of it. The value is that the nation will enjoy a greater percentage of coverage per capita on the 160M band for emergency purposes.

3.)

Amateur experimentation predictably leads to new developments and invention. We can look for separate development of more compact and efficient antenna technology for both transmit and receive functions as we know that those functions are frequently more effective when accomplished by different antenna types. Amateur experiments have led to many valuable inventions including those in other sciences. Because the antenna is the interface between electrical and electromagnetic power, it should be continually developed.

4.)

On the topic of invention, 160M is a low frequency range at which inexpensive high-power switching transistors and other devices not originally intended for the radio application may be used to great success in non-traditional circuits promoting improvements in efficiency and linearity/cleanliness of signals. This sort of hands-on practical electronics development is an exciting activity for accomplished engineers and technicians and attracts new and bright young people to the general activity.

5.)

Because 160M is certainly a long-distance band, I ask the FCC to consider the benefit of the additional spectrum to the amateurs in Alaska and Hawaii, as well as U.S. possessions globally. I am not able to quote every rule pertaining to transmissions in those locations but it may be a great benefit as well as a strategic improvement.

Obviously I may exaggerate the positive effects of an additional few kilocycles of ham radio spectrum, but so be it! Please allocate the spectrum in question directly to amateur radio and let various results over time speak for the effects of your decision.

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